

## CLAIMS

What is claimed is:

1. A projection device, comprising:  
  
a video camera for providing a camera signal;  
  
a wireless transmitter electrically connected to said video camera for receiving said camera signal and transmitting said camera signal by means of a wireless transmission technology;  
  
a wireless receiver for receiving said camera signal and transforming said camera signal into a projection signal; and  
  
a projector electrically connected to said receiver for receiving said projection signal and projecting an image in response to said projection signal.
2. The device according to claim 1, wherein said camera signal includes an audio signal and a video signal.
3. The device according to claim 1, wherein said wireless transmission technology is a wireless local area network technology.
4. The device according to claim 1, wherein said wireless transmission technology is a Bluetooth technology.
5. The device according to claim 1, wherein said wireless transmission technology is an infrared technology.

6. The device according to claim 1, wherein said wireless transmission technology is a radio frequency technology.

7. A projection device comprising:  
a wireless receiver for receiving a radio signal and transforming said radio signal into a projection signal; and  
a projector electrically connected to said wireless receiver for projecting an image according to said projection signal.
8. The device according to claim 6, wherein said radio signal includes an audio signal and a video signal.
9. The device according to claim 6, wherein said radio signal is provided by a video camera.
10. The device according to claim 8, wherein said video camera further comprises a wireless transmitter.
11. The device according to claim 8, wherein said video camera electrically connects thereto a wireless transmitter for transmitting said radio signal through a wireless transmission technology.
12. The device according to claim 10, wherein said wireless transmission technology is a wireless local area network technology.

13. The device according to claim 10, wherein said wireless transmission technology is a Bluetooth technology.

14. The device according to claim 10, wherein said wireless transmission technology is an infrared technology.

15. The device according to claim 10, wherein said wireless transmission technology is a radio frequency technology.